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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

03883- P0022A

First Inventor

Andre Lavoie, et al.

Title

Financial Document Change Identifier

Express Mail Label No.

EL 889 891 149 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-14501. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)2. ☐ Applicant claims small entity status  
See 37 CFR 1.27.3. ☒ Specification [Total Pages 26 ]  
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims(s)
- Abstract of the Disclosure

4. ☒ Drawings(s) (35 USC 113) [Total Sheets 9 ]5. Oath or Declaration [Total Sheets 0 ]

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b.: Specification Sequence Listing on:

- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper

c. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☐ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)16. ☐ Nonpublication Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 of its equivalent.17. ☐ Other.....

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: US Provisional Patent Application No. 60/462,065 filed April 11, 2003

US Provisional Patent Application No. 60/461,386 filed May 16, 2003

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**☒ Customer Number:

24126

OR ☒ Correspondence address below

Name Wesley W. Whitmyer, Jr.

Address St. Onge Steward Johnston & Reens LLC  
986 Bedford Street

City Stamford

State CT

Zip Code 06905-5619

Country United States

Telephone 203 324-6155

Fax 203 327-1096

Name (Print/Type) Wesley W. Whitmyer, Jr.

Registration No. (Attorney/Agent)

33,558

Signature

[Signature]

Date

04/12/2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 ND 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision

**Complete if Known**

|                        |                      |
|------------------------|----------------------|
| Application No.        | Pending              |
| Filing Date            | April 12, 2004       |
| First Named Inventor   | Andre Lavoie, et al. |
| Examiner Name          |                      |
| Art Unit               |                      |
| Attorney Docket Number | 03883-P0022A WWW/DJV |

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 932.00**METHOD OF PAYMENT (check all that apply)**
☒ Check ☐ Credit Card ☐ Money ☐ Other ☐ None  
☐ Deposit Account: order
Deposit  
Account  
Number

19-4516

Deposit  
Account  
Name

St. Onge Steward Johnston &amp; Reens LLC

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fees(s) during the pendency of this application  
☐ Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account
**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1101         | 770      | 2001         | 385      | Utility filing fee     | \$770.00 |
| 1002         | 340      | 2202         | 170      | Design filing fee      |          |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          |                        | 770.00   |

**2. EXTRA CLAIMS FEES FOR UTILITY AND REISSUE**

| Large Entity |          | Small Entity |          | Fee Description                                       | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |          |
| 1201         | 18       | 2202         | 9        | Claims in excess of 20                                |          |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                     |          |
| 1203         | 290      | 2203         | 145      | Multiple dependent claims, if not paid                |          |
| 1204         | 86       | 2204         | 43       | **Reissue independent claims over original patent     |          |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 over original patent |          |
| SUBTOTAL (2) |          |              |          |   | 162.00   |

| Large Entity |          | Small Entity |          | Fee Description                                       | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |          |
| 1201         | 18       | 2202         | 9        | Claims in excess of 20                                |          |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                     |          |
| 1203         | 290      | 2203         | 145      | Multiple dependent claims, if not paid                |          |
| 1204         | 86       | 2204         | 43       | **Reissue independent claims over original patent     |          |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 over original patent |          |
| SUBTOTAL (2) |          |              |          |   | 162.00   |

\*\* or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

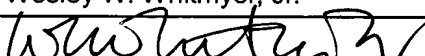
| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing for or oath  |          |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing or cover sheet                         |          |
| 1053         | 130      | 1053         | 130      | Non-English specification  |          |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252         | 40       | 2252         | 210      | Extension for reply within second month                                    |          |
| 1253         | 950      | 2253         | 475      | Extension for reply within third month                                     |          |
| 1254         | 1,450    | 2254         | 725      | Extension for reply within fourth month                                    |          |
| 1255         | 1,970    | 2255         | 985      | Extension for reply within fifth month                                     |          |
| 1401         | 330      | 2401         | 165      | Notice of Appeal   |          |
| 1402         | 330      | 2402         | 165      | Filing brief in support of an appeal                                       |          |
| 1403         | 290      | 2403         | 145      | Request for oral hearing   |          |
| 1451         | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,330    | 2453         | 665      | Petition to revive - unintentional   |          |
| 1501         | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   |          |
| 1502         | 480      | 2502         | 240      | Design issue fee   |          |
| 1503         | 640      | 2503         | 320      | Plant issue fee  |          |
| 1460         | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(q)  |          |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 770      | 2809         | 385      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810         | 770      | 2810         | 385      | For each additional invention to be examined (37CFR 1.129(b))              |          |
| 1801         | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)  
0.00**SUBMITTED BY** St. Onge Steward Johnston & Reens LLC

Complete (if applicable)

|                   |   |                                  |            |           |              |
|-------------------|---|----------------------------------|------------|-----------|--------------|
| Name (Print/Type) | Wesley W. Whitmyer, Jr.   | Registration No (Attorney/Agent) | 33,558     | Telephone | 203 324-6155 |
| Signature         |  | Date                             | 04/12/2004 |           |              |

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If you need assistance in completing the form, call 8-800-PTO-9199 and select option 2

PATENT  
03883-P0022A WWW/DJV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                       |                                      |
|-----------------------|--------------------------------------|
| Applicants            | Andre Lavoie, et al.                 |
| Serial No.            | April 12, 2004                       |
| Title of Application: | Financial Document Change Identifier |

Mail Stop Patent Application  
Commissioner for Patents  
Post Office Box 1450  
Alexandria, VA 22313-1450

**Cover Sheet For Nine Sheets Of Drawings**

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